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(57) Abstract: A method of simultaneously preventing the growth of fungi on substrates, particularly those exposed to an atmosphere, and imparting thereto a desired odour, by applying thereto a fragrance whose fragrant properties are derived mainly from the presence in the fragrance of at least two fragrance components selected from the group consisting of certain selected cyclic aldehydes, cyclic alcohols, branched or unbranched linear aldehydes, branched or unbranched linear alcohols, phenols and lactones. The method is particularly effective in supplying the necessary fragrance and antifungal properties in the vapour phase, thus avoiding any potentially harmful or damaging contact with liquid preparations.